

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051648.D
 Acq On : 19 Dec 2021 3:38
 Operator : CG/JU
 Sample : PB141535BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS535

Quant Time: Dec 19 04:12:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 12/20/2021

Supervised By :mohammad
 ahmed
 12/24/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	31816	20.000	ng/u1	-0.02
20) Naphthalene-d8	11.115	136	131870	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.910	164	98339	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.653	188	239326	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.977	240	225787	20.000	ng/u1	# 0.00
88) Perylene-d12	25.472	264	230018	20.000	ng/u1	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.607	96	5621	7.337	ng/uL	0.00
4) Pyridine-d5	4.025	84	80524	34.788	ng/u1	-0.02
7) Phenol-d5	7.408	99	101807	35.838	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.579	67	58662	34.737	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.802	132	71624	36.252	ng/u1	0.00
15) 4-Methylphenol-d8	8.971	113	78661	35.823	ng/u1	0.00
21) Nitrobenzene-d5	9.447	128	36244	37.488	ng/u1	0.00
24) 2-Nitrophenol-d4	10.175	143	40511	38.330	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.721	165	82020	35.786	ng/u1	0.00
31) 4-Chloroaniline-d4	11.232	131	94280	31.243	ng/u1	0.00
46) Dimethylphthalate-d6	14.299	166	267612	34.000	ng/u1	-0.01
49) Acenaphthylene-d8	14.604	160	330074	33.766	ng/u1	0.00
54) 4-Nitrophenol-d4	15.074	143	44819	35.015	ng/u1	0.00
60) Fluorene-d10	15.897	176	236815	33.582	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.002	200	46504	37.295	ng/u1	0.00
73) Anthracene-d10	17.759	188	385240	33.744	ng/u1	0.00
81) Pyrene-d10	20.032	212	467401	34.396	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.231	264	436063	36.030	ng/u1	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.637	88	11033	13.799	ng/uL 90
5) Pyridine	4.048	79	85966	37.020	ng/u1 97
6) Benzaldehyde	7.396	77	66923	37.759	ng/u1 97
8) Phenol	7.432	94	103691	36.709	ng/u1 91
10) Bis(2-Chloroethyl)ether	7.678	93	76198	35.359	ng/u1 97
12) 2-Chlorophenol	7.831	128	74814	36.915	ng/u1 92
13) 2-Methylphenol	8.706	108	78120	36.655	ng/u1 95
14) 2,2'-oxybis(1-Chloropr...	8.795	45	102848	35.185	ng/u1 96
16) Acetophenone	9.100	105	119502	34.646	ng/u1 94
17) N-Nitroso-di-n-propyla...	9.082	70	70545	34.086	ng/u1 93
18) 4-Methylphenol	9.035	108	83814	37.312	ng/u1 88
19) Hexachloroethane	9.382	117	30724	34.744	ng/u1# 79
22) Nitrobenzene	9.488	77	104742	37.247	ng/u1 98
23) Isophorone	10.016	82	196948	34.885	ng/u1 98
25) 2-Nitrophenol	10.210	139	44765	39.624	ng/u1 97
26) 2,4-Dimethylphenol	10.257	107	94023	34.542	ng/u1 95
27) Bis(2-Chloroethoxy)met...	10.492	93	103965	34.680	ng/u1 98
29) 2,4-Dichlorophenol	10.745	162	79448	36.432	ng/u1 96
30) Naphthalene	11.162	128	246598	34.710	ng/u1 97
32) 4-Chloroaniline	11.256	127	94092	30.535	ng/u1 99
33) Hexachlorobutadiene	11.456	225	60962	32.927	ng/u1 96
34) Caprolactam	12.002	113	29552m	44.760	ng/u1
35) 4-Chloro-3-methylphenol	12.360	107	90851	37.181	ng/u1 92
36) 2-Methylnaphthalene	12.754	142	175473	34.620	ng/u1 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.971	142	181223	34.435	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.118	216	113855	33.285	ng/ul	98
40) Hexachlorocyclopentadiene	13.101	237	67770	27.287	ng/ul	99
41) 2,4,6-Trichlorophenol	13.347	196	74530	35.993	ng/ul	93
42) 2,4,5-Trichlorophenol	13.418	196	83797	38.614	ng/ul	94
43) 1,1'-Biphenyl	13.747	154	250622	33.271	ng/ul#	95
44) 2-Chloronaphthalene	13.794	162	194784	33.447	ng/ul	98
45) 2-Nitroaniline	13.982	65	71937	40.435	ng/ul	93
47) Dimethylphthalate	14.346	163	259767	33.994	ng/ul	99
48) 2,6-Dinitrotoluene	14.469	165	58598	40.113	ng/ul	90
50) Acenaphthylene	14.634	152	324753	33.955	ng/ul	97
51) 3-Nitroaniline	14.798	138	50448	36.116	ng/ul	96
52) Acenaphthene	14.974	153	210027	33.240	ng/ul	97
53) 2,4-Dinitrophenol	14.998	184	28301	33.514	ng/ul#	77
55) 4-Nitrophenol	15.092	109	48960	35.652	ng/ul	84
56) Dibenzofuran	15.303	168	311966	33.526	ng/ul	99
57) 2,4-Dinitrotoluene	15.251	165	82192	39.697	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.527	232	76361	37.025	ng/ul#	92
59) Diethylphthalate	15.709	149	270308	33.957	ng/ul	96
61) Fluorene	15.955	166	256674	33.477	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.938	204	142312	33.324	ng/ul	91
63) 4-Nitroaniline	15.955	138	54433	37.996	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.014	198	44393	36.252	ng/ul#	94
67) N-Nitrosodiphenylamine	16.149	169	228603	35.513	ng/ul	95
68) 4-Bromophenyl-phenylether	16.837	248	99765	40.933	ng/ul#	84
69) Hexachlorobenzene	16.966	284	106737	34.850	ng/ul#	91
70) Atrazine	17.089	200	101039	34.980	ng/ul	98
71) Pentachlorophenol	17.301	266	63577	33.879	ng/ul	90
72) Phenanthrene	17.700	178	429100	34.859	ng/ul	98
74) Anthracene	17.794	178	420628	33.824	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.717	216	121171	32.910	ng/uL	97
76) Pentachlorobenzene	15.227	250	123549	35.102	ng/uL	99
77) Carbazole	18.053	167	389471	34.975	ng/ul	98
78) Di-n-butylphthalate	18.599	149	466403	34.803	ng/ul	99
80) Fluoranthene	19.697	202	551762	35.373	ng/ul#	90
82) Pyrene	20.062	202	532008	34.465	ng/ul#	88
83) Butylbenzylphthalate	20.937	149	195213	37.710	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.853	252	180038	33.834	ng/ul#	97
85) Benzo(a)anthracene	21.959	228	524514	35.706	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.848	149	276024	38.066	ng/ul#	98
87) Chrysene	22.030	228	493377	34.765	ng/ul	98
89) Di-n-octyl phthalate	23.157	149	467400	37.726	ng/ul	100
90) Benzo(b)fluoranthene	24.362	252	552061	35.832	ng/ul#	96
91) Benzo(k)fluoranthene	24.432	252	506161	35.082	ng/ul#	95
93) Benzo(a)pyrene	25.313	252	516332	35.510	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.508	276	600580	37.833	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.578	278	492668	36.337	ng/ul#	93
96) Benzo(g,h,i)perylene	30.771	276	492773	36.630	ng/ul#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

